

Claims

- 1) Pressure generating unit, in particular a pressure generating unit that is arranged in the handpiece of a vacuum biopsy apparatus that is embodied as a type of syringe and whereby the cylinder space evacuated by retracting the piston when changing over to generating overpressure the air supply is released by the position of said piston [sic], characterized in that the evacuated cylinder space (11) is connected via a connecting line (21) to the cylinder space (12) on the piston that is under atmospheric pressure, and an absorbent element (14) is arranged on the piston spindle (17).
- 2) Pressure generating unit, characterized in that the connection is embodied as an interior groove (15) [sic] in the hollow cylinder that, when the piston is retracted toward the drive side, produces a connection between the evacuated cylinder space (11) and the cylinder space (12) connected with atmospheric pressure, and in that arranged on the piston spindle between the piston back side (22) and the toothed wheel interior surface (23) is an absorbent element (14) in the cylinder space (12).
- 3) Pressure generating unit in accordance with claim 2, characterized in that after opening the connection between the two cylinder spaces (11, 12) the groove (15) ends over the element (14).
- 4) Pressure generating unit in accordance with claim 1, characterized in that the element (14) comprises absorbent chemical pulp.
- 5) Pressure generating unit in accordance with claim 2, characterized in that a paper filter is used as the element (14).
- 6) Pressure generating unit in accordance with any of the preceding claims, characterized in that the element (14) is held in its position on the piston spindle

(7) with a securing disk (18) arranged on the piston spindle.

- 7) Pressure generating unit in accordance with any of the preceding claims, characterized in that the element (14) is arranged as a seal on the piston back side and is held by the securing disk (18).